

## *Penn Cambria Curriculum*

<b>Course Name</b>	<b>Music Theory</b>
<b>Length of Course</b>	18 Weeks (2 Periods a Week in block schedule)
<b>Grade Level</b>	9,10,11,12
<b>Prerequisites</b>	Two years of study in instrumental music or 93% overall score in Alfred's Essentials of Music Theory volume 1 units 1 to 4.
<b>Course Description</b>	Students will study and learn how to analyze and create the musical language that has evolved over the last 2000 years in Western Society.
<b>Units of Study</b>	Appreciation Fundamental Elements of Music Harmonic Function Voice Leading Melody Modulation, Diatonic 7 <sup>th</sup> Chords, and Secondary Dominants Composition Techniques Student Composition
<b>Materials</b>	Text: Teacher Created Supplemental Materials: The Elements of Music Volume I, Turek The Young Person's Guide to the Orchestra, Bernstein Recordings and Musical Scores Notation Software (Finale) Garritan Sounds Software Midi Capable Keyboard Alfred's Essentials of Music Theory Software Volumes 2 and 3

## **Unit: Appreciation (Levels 1, 2 and 3)**

**Estimated Time:** 3-5 Weeks (2 periods per week)

### **Standard Alignment:**

- 9.2.12. A – Explain the historical, cultural and social context of an individual work in the arts.
- 9.2.12. C – Relate works in the arts to varying styles and genre and to the periods in which they were created (e.g., Bronze Age, Ming Dynasty, Renaissance, Classical, Modern, Post-Modern, Contemporary, Futuristic, others).
- 9.2.12. G – Relate works in the arts to geographic regions (Africa, Asia, Australia, Central America, Europe, North America, South America).
- 9.3.12. A – Explain and apply the critical examination processes of works in the arts and humanities.
- 9.3.12. B – Determine and apply criteria to a person's work and works of others in the arts.
- 9.3.12. C – Apply systems of classification for interpreting works in the arts and forming a critical response.
- 9.3.12. D – Analyze and interpret works in the arts and humanities from different societies using culturally specific vocabulary of critical response.

### **Curricular Objectives:**

**Students will be able to** (*using a three year cycle*)

1. Identify major works from the following musical periods
  - a. Medieval / Baroque
  - b. Classical / Romantic
  - c. 20<sup>th</sup> Century / Modern
2. Identify the work of at least one composer from the following musical periods
  - a. Medieval / Baroque
  - b. Classical / Romantic
  - c. 20<sup>th</sup> Century / Modern
3. Identify the typical stylistic characteristics of musical works.
  - a. Medieval / Baroque
  - b. Classical / Romantic
  - c. 20<sup>th</sup> Century / Modern
4. Recognize the Major Works of the period

### **Assessments/ Measurement of Objectives:**

- Listening Tests
- Composer Identification Drill

### **Suggested Methods of Instruction / Learning Activities:**

- Elements of Composition Listening Strategies
- Composer Fact Sheets (San Francisco Symphony)

<b>Unit: Fundamental Elements of Music (Level 1)</b>
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**Estimated Time:** 5-7 Weeks (2 periods per week)

**Standard Alignment:**

9.1.12.A -- Know and use the elements and principles of each art form to create works in the arts and humanities.

9.1.12.B -- Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

9.1.12.C -- Integrate and apply advanced vocabulary to the arts forms.

**Curricular Objectives: Students will be able to**

1. Identify Chromatic Alterations
  - a. Flat, Sharps, Enharmonic Equivalents
2. Identify and Create Intervals
3. Identify and realize the notes of the grand staff
4. Identify simple and compound meters
5. Correctly notate simple melodic and rhythmic themes
6. Apply and reproduce the Circle of 5ths
7. Create and Identify the first 7 Flat and Sharp Major Key Signatures
8. Transpose simple melodies into any key
9. Create Major and Minor Scales in all keys

**Assessments/ Measurement of Objectives:**

- Comprehension Test
- Transposition Exercises

**Suggested Methods of Instruction / Learning Activities:**

- Group Composition Assignments

<b>Unit: Harmonic Function (Level 1 / 2)</b>
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**Estimated Time:** 9-11 Weeks (2 periods per week)

**Standard Alignment:**

9.1.12.A -- Know and use the elements and principles of each art form to create works in the arts and humanities.

9.1.12.B -- Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

9.1.12.C -- Integrate and apply advanced vocabulary to the arts forms.

**Curricular Objectives: Students will be able to**

1. Realize harmonic progression using Roman numeral analysis and figured bass.
2. Harmonize melodies in 4 parts using
  - a. Diatonic Triads
  - b. Inversions
  - c. Major Minor Seventh Chords on Dominants
  - d. Functional Tonality
3. Understand and Identify Harmonic Motion
  - a. Progression
  - b. Regression
  - c. Elision
4. Create and Identify Harmonic Cadences
5. Create and Identify Embellishing Tones

**Assessments/ Measurement of Objectives:**

- Student Composition Project 1
- Harmonic Analysis Quiz
- Harmonization Quiz

**Suggested Methods of Instruction / Learning Activities:**

- Student will create and melody and harmonize the melody using the progression rules of Western Tonality.
- Students will work in small groups and analyze student created compositions.
- Students will work in groups and brain storm alternate harmonization of a given melody.

<b>Unit: Voice Leading (Level 2)</b>
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**Estimated Time:** 8-10 Weeks (2 periods per week)

**Standard Alignment:**

9.1.12.A -- Know and use the elements and principles of each art form to create works in the arts and humanities.

9.1.12.B -- Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

9.1.12.C -- Integrate and apply advanced vocabulary to the arts forms.

**Curricular Objectives: Students will**

- Understand and use proper voice leading techniques
- Analyze select sacred vocal works of Johannes Sebastian Bach.
- Analyze selected keyboard works of J.S. Bach.
- Analyze selected instrumental works of Franz Joseph Haydn.

**Assessments/ Measurement of Objectives:**

- Harmonic Analysis Test
- Harmonic Analysis Board Work

**Suggested Methods of Instruction / Learning Activities:**

- Harmonic Analysis Group Debate

<b>Unit: Melody (Level 2 and 3)</b>
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**Estimated Time:** Ongoing

**Standard Alignment:**

9.1.12.A -- Know and use the elements and principles of each art form to create works in the arts and humanities.

9.1.12.B -- Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

9.1.12.C -- Integrate and apply advanced vocabulary to the arts forms.

**Curricular Objectives:**

- Student will create unique original melodies.
- Students will be able to harmonize original melodies using proper progression rules and voice leading.
- Student will analyze the components contained within a melody.
- Students will analyze the melodies used W. A. Mozart, Handel, Beethoven, Mahler, Mendelssohn and the Beatles.
- Students will begin to understand Melodic Units of Motive and Phrase.
- Students will begin to understand the components of a typical phrase.

**Assessments/ Measurement of Objectives:**

- Students created composition project(s).
- Melodic variations.

**Suggested Methods of Instruction / Learning Activities:**

- Melodic improvisation.
- Melodic variation drills in small groups.

## **Unit: Modulation, Diatonic Seventh Chords, and Secondary Dominants (Level 3)**

**Estimated Time:** 16-18 Weeks (2 periods per week)

### **Standard Alignment:**

9.1.12.A -- Know and use the elements and principles of each art form to create works in the arts and humanities.

9.1.12.B -- Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

9.1.12.C -- Integrate and apply advanced vocabulary to the arts forms.

9.2.12.L -- Identify, explain and analyze common themes, forms and techniques from works in the arts.

9.3.12.B -- Determine and apply criteria to a person's work and works of others in the arts.

### **Curricular Objectives: Students will be able to**

- Effectively modulate into a related key.
- Use dominant seventh chords.
- Use secondary dominant chords.

### **Assessments/ Measurement of Objectives:**

- Comprehension test.
- Composition projects.

### **Suggested Methods of Instruction / Learning Activities:**

- Students will arrange a simple melody that modulates into several keys. Student will play back their composition and evaluate the transitions and identify other possibilities for modulations.
- Students will arrange simple melodies and modulate into several different keys. The class will perform and evaluate the harmonic transitions.
- Score study.

## **Unit: Composition Techniques (Level 3 and 4)**

**Estimated Time:** On Going

**Standard Alignment:**

9.1.12.A -- Know and use the elements and principles of each art form to create works in the arts and humanities.

9.1.12.B -- Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.

9.1.12.C -- Integrate and apply advanced vocabulary to the arts forms.

9.1.12.D -- Demonstrate specific styles in combination through the production or performance of a unique work of art.

9.2.12.L -- Identify, explain and analyze common themes, forms and techniques from works in the arts.

**Curricular Objectives: Students will be able to**

- Use non chord tones
- Effectively use melodic suspensions
- Create tonal sequences
- Create Harmonic Cadences

**Assessments/ Measurement of Objectives:**

- Comprehension tests.
- Composition projects.

**Suggested Methods of Instruction / Learning Activities:**

- Group improvisation using non chord tones.
- Writing trials.
- Score study.



## **Unit: Student Composition (Level 4)**

**Estimated Time:** 16-18 Weeks (2 periods per week)

### **Standard Alignment:**

- 9.1.12.A -- Know and use the elements and principles of each art form to create works in the arts and humanities.
- 9.1.12.B -- Recognize, know, use and demonstrate a variety of appropriate arts elements and principles to produce, review and revise original works in the arts.
- 9.1.12.C -- Integrate and apply advanced vocabulary to the arts forms.
- 9.1.12.D -- Demonstrate specific styles in combination through the production or performance of a unique work of art.
- 9.1.12.E -- Delineate a unifying theme through the production of a work of art that reflects skills in media processes and techniques.
- 9.1.12.J -- Analyze and evaluate the use of traditional and contemporary technologies for producing, performing and exhibiting works in the arts or the works of others.
- 9.2.12.L -- Identify, explain and analyze common themes, forms and techniques from works in the arts.
- 9.3.12.B -- Determine and apply criteria to a person's work and works of others in the arts.

### **Curricular Objectives: Students will be able to**

- Create an original composition or arrange a medley for band or choir.

### **Assessments/ Measurement of Objectives:**

- Final original composition or arrangement.
- Composition Criteria Rubric

### **Suggested Methods of Instruction / Learning Activities:**

- Students will compose on the Finale Suite and experiment with instrumentation, voice leading, and instrumentation using the Garritan instruments.
- Group composition trials.
- Score study.